

FIG. 1

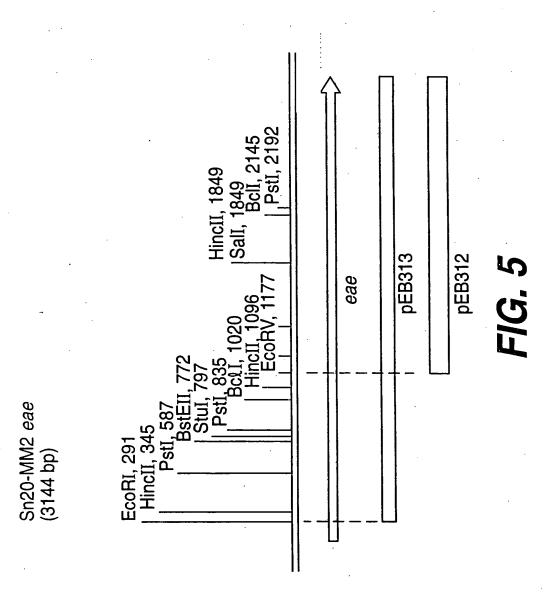
1	MITHGCYTRT	RHKHKLKKTL	IMLSAGLGLF	FYVNQNSFAN	GENYFKLGSD
51	SKLLTHDSYQ	NRLFYTLKTG	ETVADLSKSQ	DINLSTIWSL	NKHLYSSESE
101	MMKAAPGQQI	ILPLKKLPFE	YSALPLLGSA	PLVAAGGVAG	HTNKLTKMSP
151	DVTKSNMTDD	KALNYAAQQA	ASLGSQLQSR	SLNGDYAKDT	ALGIAGNQAS
2.01	SQLQAWLQHY	GTAEVNLQSG	DNFDGSSLDF	LLPFYDSEKM	LAFGQVGARY
251	IDSRFTANLG	AGQRFFLPAN	MLGYNVFIDQ	DFSGDNTRLG	IGGEYWRDYF
301	KSSVNGYFRM	RRWHESYHKK	DYDERPANGF	DIRFNGYLPS	YPALGAKLIY
351.	EQYYGDNVAL	FNSDKLQSNP	GAATVGVNYT	PIPLVTMGID	YRHGTGNEND
401	LLYSMQFRYQ	FDKSWSQQIE	PQYVNELRTL	SGSRYDLVQR	NNNIILEYKK
451	QDILSLNIPH	DINGTEHSTQ	KIQLIVKSKY	GLDRIVWDDS	ALRSQGGQIQ
501	HSGSQSAQDY	QAILPAYVQG	GSNIYKVTAR	AYDRNGNSSN	NVQLTITVLS
551	NGQVVDQVGV	TDFTADKTSA	KADNADTITY	TATVKKNGVA	QANVPVSFNI
601	VSGTATLGAN	SAKTDANGKA	TVTLKSSTPG	QVVVSAKTAE	MSSALNASAV
651	IFFDQTKASI	TEIKADKTTA	VANGKDAIKY	TVKVMKNGQP	VNNQSVTFST
701	NFGMFNGKSQ	TQATTGNDGR	ATITLTSSSA	GKATVSATVS	DGAEVKATEV
751	TFFDELKIDN	KVDIIGNNVR	GELPNIWLQY	GQFKLKASGG	DGTYSWYSEN
801	TSIATVDASG	KVTLNGKGSV	VIKATSGDKQ	TVSYTIKAPS	YMIKVDKQAY
851	YADAMSICKN	LLPSTQTVLS	DIYDSWGAAN	KYSHYSSMNS	ITAWIKQTSS
901	EQRSGVSSTY	NLITQNPLPG	VNVNTPNVYA	VCVE (SEQ II	NO:19)

FIG. 2

1	TCGAGAATGA	AATAGAAGTC	GTTGTTAAGT	CAATGGAAAA	CCTGTATTTG	GTATTACATA
61	ATCAGGGAAT	AACATTAGAA	AACGAACATA	TGAAAATAGA	GGAAATCAGT	TCAAGCGACA
121	ATAAACATTA	TTACGCCGGA	AGATAAAATC	CGATCTATTA	ATTTAATTTA	TTTCTCATTC
181		TGGTGGAGCC				
241		СТААААААА				
301		AATTCATTTG				
361		CATGATAGCT				
421		CTTTCTAAAT				
481		AGTTCTGAAA				
541		AAACTTCCCT				
601		GGTGGTGTTG				
661		AACATGACCG				
721		CAGCTTCAGT				
781		GGTAACCAGG				
841		AATCTGCAGA				
901		GATTCCGAAA				
961		ACGGCAAATT				•
		GTCTTCATTG				
1081		TGGCGAGACT				
		TCATACAATA	•			
		GGCTATCTAC			•	
		GATAATGTTG				
		GGTGTAAACT				-
	,-	GGTAATGAAA				
	•	TCTCAGCAAA		•		
		GATCTGGTTC				
1561	TATTCTTTCT	CTGAATATTC	CGCATGATAT	TAATGGTACT	GAACACAGTA	CGCAGAAGAT
		GTTAAGAGCA				
1681	ACGCAGTCAG	GGCGGTCAGA	TTCAGCATAG	CGGAAGCCAA	AGCGCACAAG	ACTACCAGGC
1741	TATTTTGCCT	GCTTATGTGC	AAGGTGGCAG	CAATATTTAT	AAAGTGACGG	CTCGCGCCTA
1801	TGACCGTAAT	GGCAATAGCT	CTAACAATGT	ACAGCTTACT	ATTACCGTTC	TGTCGAATGG
1861	TCAAGTTGTC	GACCAGGTTG	GGGTAACGGA	CTTTACGGCG	GATAAGACTT	CGGCTAAAGC
1921	GGATAACGCC	GATACCATTA	CTTATACCGC	GACGGTGAAA	AAGAATGGGG	TAGCTCAGGC
1981	TAATGTCCCT	GTTTCATTTA	ATATTGTTTC	AGGAACTGCA	ACTCTTGGGG	CAAATAGTGC
2041	CAAAACGGAT	GCTAACGGTA	AGGCAACCGT	AACGTTGAAG	TCGAGTACGC	CAGGACAGGT
2101	CGTCGTGTCT	GCTAAAACCG	CGGAGATGAC	TTCAGCACTT	AATGCCAGTG	CGGTTATATT
2161	TTTTGATCAA	ACCAAGGCCA	GCATTACTGA	GATTAAGGCT	GATAAGACAA	CTGCAGTAGC
2221	AAATGGTAAG	GATGCTATTA	AATATACTGT	AAAAGTTATG	AAAAACGGTC	AGCCAGTTAA
2281	TAATCAATCC	GTTACATTCT	CAACAAACTT	TGGGATGTTC	AACGGTAAGT	CTCAAACGCA
2341	AGCAACCACG	GGAAATGATG	GTCGTGCGAC	GATAACACTA	ACTTCCAGTT	CCGCCGGTAA
2401	AGCGACTGTT	AGTGCGACAG	TCAGTGATGG	GGCTGAGGTT	AAAGCGACTG	AGGTCACTTT
		CTGAAAATTG				
						GCGGTGGTGA
						CATCAGGGAA
		AATGGTAAAG				
		ACTATAAAAG				
		ACTATAAAAG ATGTCCATTT				
						TGAACTCAAT
					,	
		ATTAAACAGA				
						TCTATGCGGT
						GTCGGGGCAT
				' ATAATCAAA'I	CTACTACTGG	TCTTTTTATC
312	L TGCTTAATAC	G(SEQ ID	ŅU:20)			

FIG. 3

1	GGAAAGATAA	ATCCGATCTA	TAATATAAT	TTATTTCTCA	TTCTAACTCA	TTGTGGTGGA
61	GCCATAACAT	GAGTACTCAT	GGTTGTTATA	CCCGGACCCG	GCACAAGCAT	AAGCTAAAAA
121	AAACATTGAT	TATGCTTAGT	GCTGGTTTAG	GATTGTTTTT	TTATGTTAAT	CAGAATTCAT
181	TTGCAAATGG	TGAAAATTAT	TTTAAATTGG	GTTCGGATTC	AAAACTGTTA	ACTCATGATA
241	GCTATCAGAA	TCGCCTTTTT	TATACGTTGA	AAACTGGTGA	AACTGTTGCC	GATCTTTCTA
301	AATCGCAAGA	ATTTAATTTAT	TCGACGATTT	GGTCGTTGAA	TAAGCATTTA	TACAGTTCTG
361	AAAGCGAAAT	GATGAAGGCC	GCGCCTGGTC	AGCAGATCAT	TTTGCCACTC	AAAAAACTTC
421		CAGTGCACTA				
481		CACGAATAAA				
541	CCGATGACAA	GGCATTAAAT	TATGCGGCAC	AACAGGCGGC	GAGTCTCGGT	AGCCAGCTTC
601	AGTCGCGATC	TCTGAACGGC	GATTACGCGA	AAGATACCGC	TCTTGGTATC	GCTGGTAACC
661	AGGCTTCGTC	ACAGTTGCAG	GCCTGGTTAC	AACATTATGG	AACGCCAGAG	GTTAATCTGC
721	AGAGTGGTGA	TAACTTTGAC	GGTAGTTCAC	TGGACTTCTT	ATTACCGTTC	ТАТСАТТССС
781		GGCATTTGGT				
841	ATTTAGGTGC	GGGTCAGCGT	ԱՎԻՎԻՆ ԱՎԻՆ	CTGCAAACAT	CTTCCCCTAT	ስ ል
901	TTGATCAGGA	TTTTTCTGGT	GATAATACCC	CTTTTACCTAT	TCCTCCCCAA	TACTICICA
961	ACTATTTCAA	AAGTAGCGTT	AACCCCTATT	TCCCCATCAC	CCCCTCCCAT	CACTCATACC
	ATAAGAAAGA	СТАТСАТСАС	CCCCCACCAA	ስጥርርርጥጥርር ስ	ሞልጥር ርጥጥጥጥ	A A TO CO TABLE
1081	TACCGTCATA	TCCGGCATTA	GCCCCCAACC	TOUCTICUA	CCACMAMMAM	CCTCATA ATC
	TTGCTTTGTT	ጥልልጥጥርጥርልጥ	AAGCTGCAGT	CCAATCCTCC	TCCCCCACC	CUMCCUCUNA
1201	ACTATACTCC	CATTCCTCTC	CTCACCATCC	CCATCCATTA	CCCTCATCCT	ACCCCMY YEAR
1261	AAAATGATCT	CCTTTACTCA	ATCCACTTCC	CONTCONTIN	TCGTCATGGT	UCCUCUCACC
1321	AAATTGAACC	አርያርሲያፈርሲ	AIGCAGIICC	CYVCYUMYUC	ACCCACCCCO	MACCAMONGO
1381	ጥጥር አርርርጥል አ	TAACAATATT	AUTOUGHTIAN	ACAACAIIAIC	AGGCAGCCGT	TACGATCTGG
	TTCCGCATGA	TANCAATATI	ATTCTGGAGT	CUNCCONCN	CAMMONOMO	TCTCTGAATA
1501	GCAAATACGG	TATTAATGGT	ACTGAACACA	AMCAMACMCC	AMMACOCACM	ATCGTTAAGA
1561	AGATTCAGCA	TOTOGRICGI TOTOGRAPHICA	CANACCCCAC	AIGAIAGIGC	ATTACGCAGT	CAGGGGGTC
1621	TOOM TOAGON	CAGCAATATT	TAMAGCGCAC	CCCCTCCCCC	GGCTATTTTG	CCTGCTTATG
	GCTCTAACAA	TOTAL ACCOUNT	1 A 1 A A A G 1 G A		CTATGACCGT	AATGGCAATA
1741		GGACTTTACG				
1801						
		CGCGACGGTG				
	TTAATATTGT					
1921	GTAAGGCAAC	CGTAACGTTG	AAGTCGAGTA	CGCCAGGACA	GGTCGTCGTG	TCTGCTAAAA
1981	CCGCGGAGAT	GAGTTCAGCA	CTTAATGCCA	GTGCGGTTAT	ATTTTTGAT	CAAACCAAGG
	CCAGCATTAC					
	ТТАААТАТАС					
	TCTCAACAAA					
	ATGGTCGTGC					
2281	CAGTCAGTGA	TGGGGCTGAG	GTTAAAGCGA	CTGAGGTCAC	TTTTTTGAT	GAACTGAAAA
2341	TTGACAACAA	GGTTGATATT	ATTGGTAACA	ATGTCAGAGG	CGAGTTGCCT	AATATTTGGC
2401	TGCAATATGG	TCAGTTTAAA	CTGAAAGCAA	GCGGTGGTGA	TGGTACATAT	TCATGGTATT
2461	CAGAAAATAC	CAGTATCGCG	ACTGTCGATG	CATCAGGGAA	AGTCACTTTG	AATGGTAAAG
2521	GCAGTGTCGT	AATTAAAGCC	ACATCTGGTG	ATAAGCAAAC	AGTAAGTTAC	ACTATAAAAG
2581	CACCGTCGTA	TATGATAAAA	GTGGATAAGC	AAGCCTATTA	TGCTGATGCT	ATGTCCATTT
2641	GCAAAAATTT	ATTACCATCC	ACACAGACGG	TATTGTCAGA	TATTTATGAC	TCATGGGGGG
2701	CTGCAAATAA	ATATAGCCAT	TATAGTTCTA	TGAACTCAAT	AACTGCTTGG	ATTAAACAGA
2761	CATCTAGTGA	GCAGCGTTCT	GGAGTATCAA	GCACTTATAA	CCTAATAACA	CAAAACCCTC
2821	TTCCTGGGGT	TAATGTTÄAT	ACTCCAAATG	TCTATGCGGT	TTGTGTAGAA	TAATTCCATA
2881	ACCACCCCGG	CTAAAATATG	TATTGTTTTA	GTCGGGGCAT	AATTATTTCT	TCTTAAGAAA
2941	TAACCTCTTA	TAATCAAATC	TACTACTGGT	CTTTTTATCT	GCTTAATAGG	ባርባርባባጥ እ
3001	AGAGACACAT	TCACGTTTTC	TAGAGTAGGT	TGATCCAACC	ACGCTGTATA	CCAAAGCTGA
3061	ATCACATCAA	GCAACAACTA	TGCTCACAAC	ATCCACACAA	ΤΑΔΑΔΑ / CE	Q ID NO:21)
			- oc i concent	concncnn	קר) מתחחויי	Z ID MO.51)



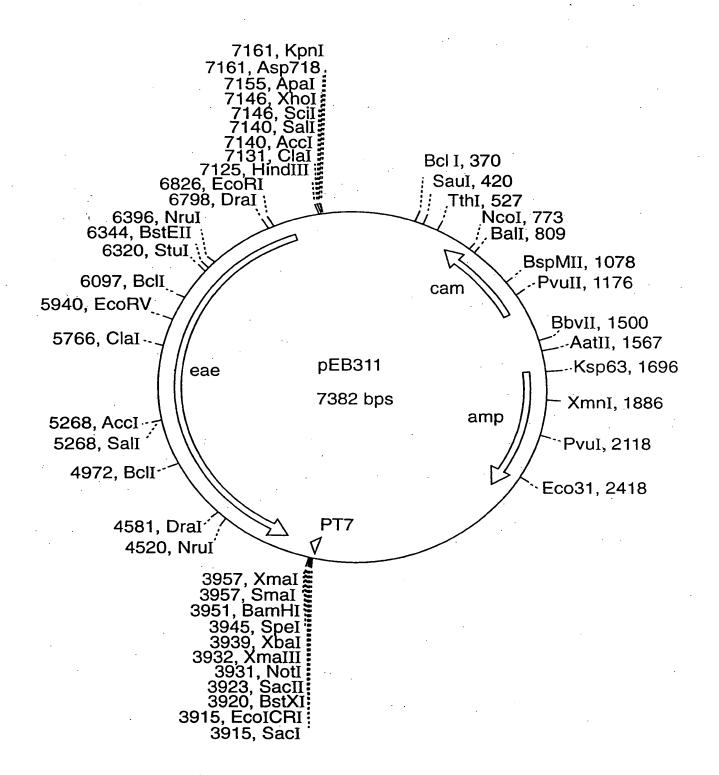


FIG. 6

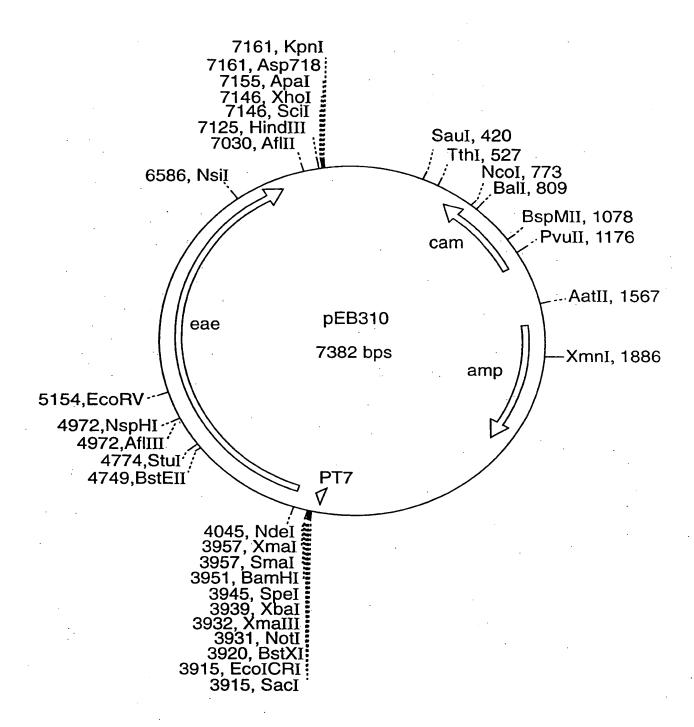


FIG. 7

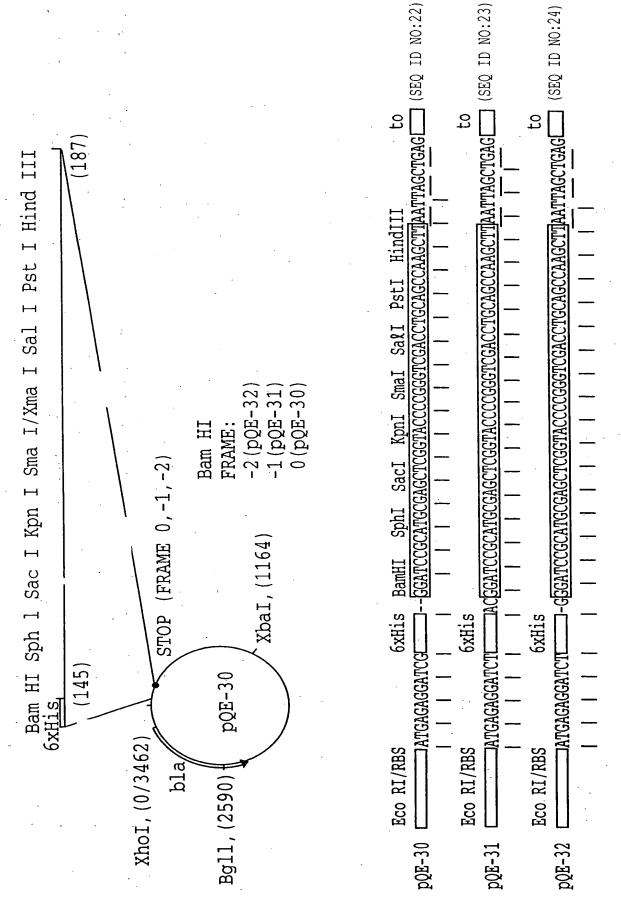
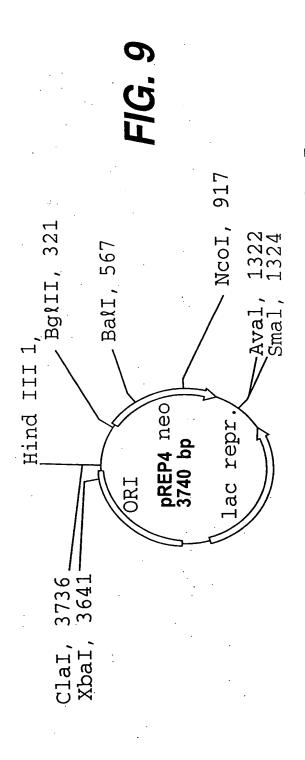


FIG. 8



TATA-Box CTCGAGAAAT CATAAAAAT TTATTTGCTT TGTGAGCGGA TAACAATTAT operatorI XhoI

ECORI

TCACACAGAA TTCATTAAAG 6xHis AATAGATTCA ATTGTGAGCG GATAACAATT operator II +1 start mRNA 51

AGGAGAAATT AACTATGAGA GGATCGCATC ACCATCACCA TCACGGATCC BamHI ATG -RBS/SD 101

GCATGCGAGC TCGGTACCCC GGGTCGACCT GCAGCCAAGC TTAATTAGCT Stop 1 2 HindIII PstI SalI SmaI KpnI SacI 151

GAGCTTGGAC TCCTGTTGAT AGATCCAGTA ATGACCTCAG AACTCCATCT (SEQ ID NO:25) 201

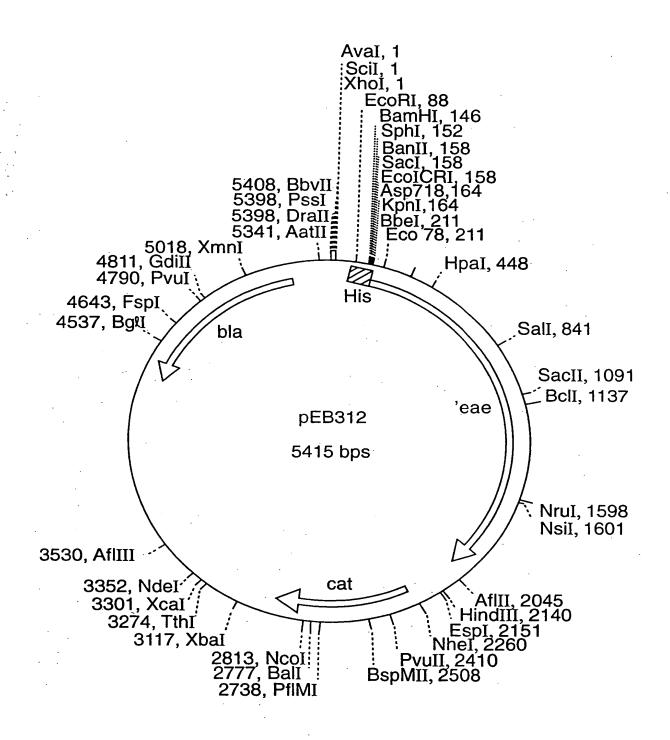
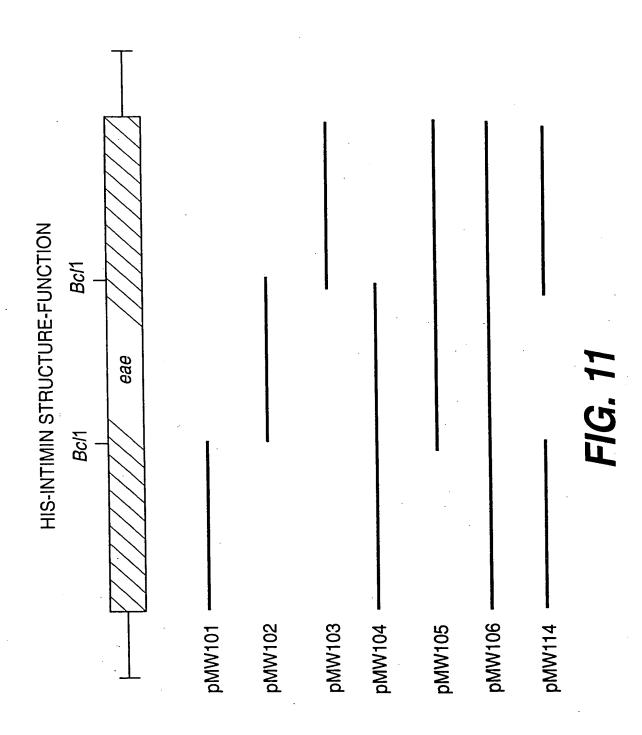
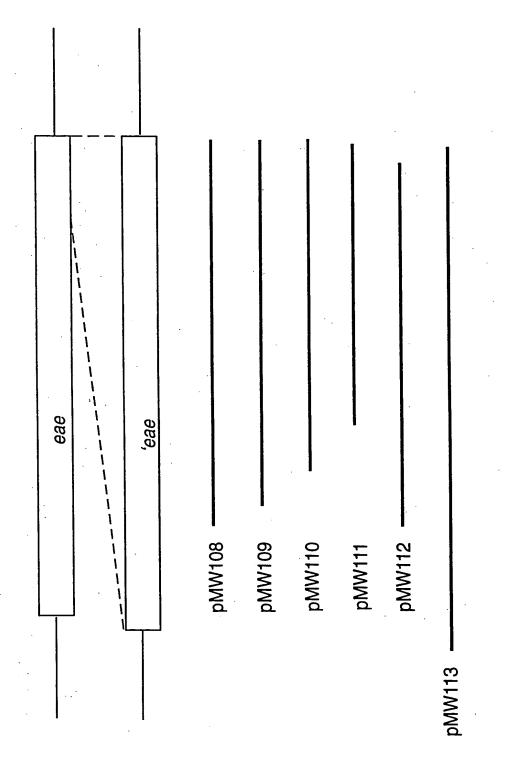


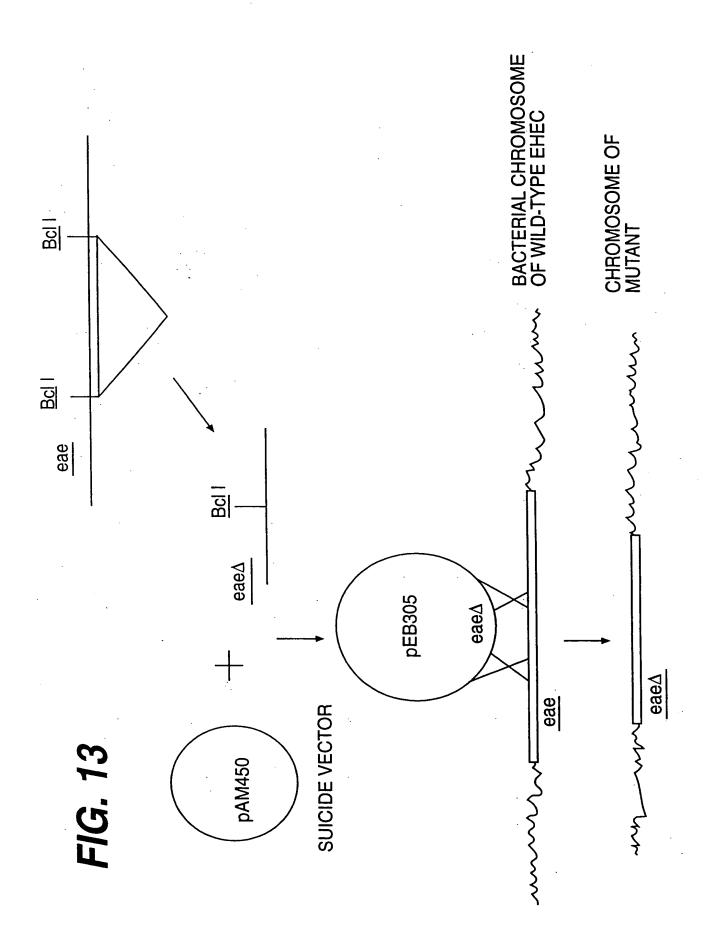
FIG. 10





INTIMIN: C-TERMINAL CONSTRUCTS

FIG. 12



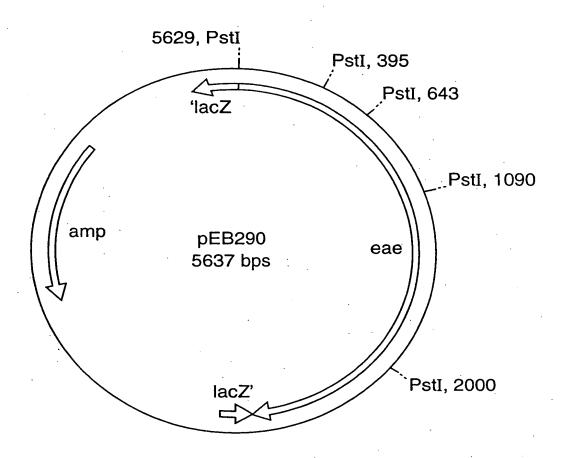


FIG. 14

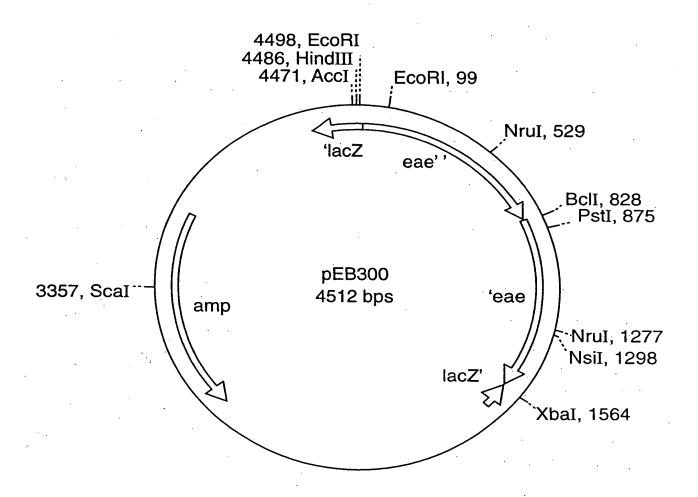


FIG. 15

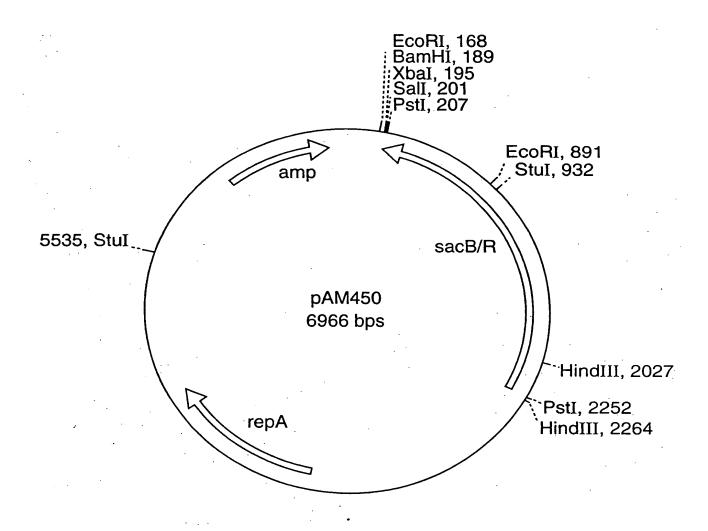


FIG. 16

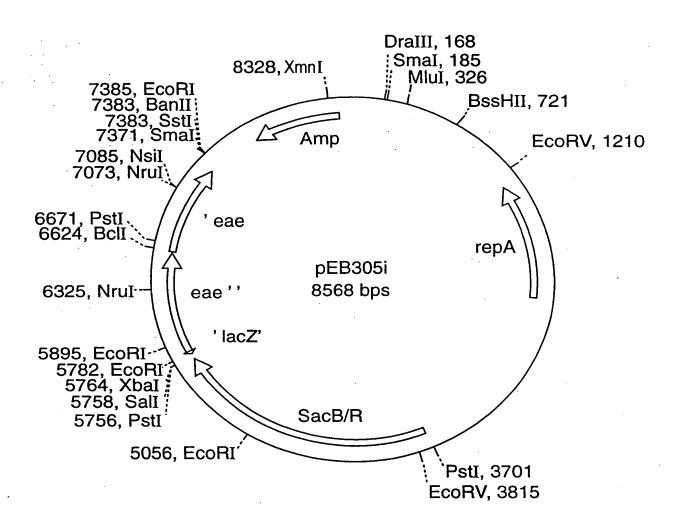


FIG. 17

